

Appln No. 09/737,276

Amdt date February 28, 2005

Reply to Office action of October 18, 2004

Amendments to the Specification:

Please insert the following paragraph beginning at page 25, line 30.

As the CM is initialized, on two channels - - one wide band and one narrow band - - the parameters applicable to these two channels are received from the CMTS and are both stored in RAM 268 so they are available to the CM without additional initialization.

Please replace the paragraph beginning at page 25, line 30, with the following rewritten paragraph:

Using either the first method, request in mini-slots, or the second method, request in bytes, FIG. 10 is illustrative of time and frequency domain utilized with a CM implementing the techniques used by this invention. The headend may grant short data packets to a carrier using a narrow channel, and longer data packets to another carrier using a wide channel. ~~in a fashion sophisticated enough that a given CM does not receive overlapping grants on the two channels.~~ At any rate, one set of parameters stored in RAM 268 is used to control the upstream burst profile for short data packets and another set of parameters stored in RAM 268 is used to control the upstream burst profile for long data packets, as described in connection with block 910 above. Performance of short bursts in an impulsive noise environment is improved.